

V-F  
R27 100/2W  
R29 1K/1W  
PTC4 1.5K  
SPG2

R75 100K, 1/4W  
C32 1P  
C28 5P

C36 2.2u  
R77 47K  
PTC1 1.5K  
S4H-5H

SP61  
C26 .1u  
C19 .1u  
Q2 8050  
Q3 8050

C45 100u  
U12 AD737  
R76 100  
C42 10u  
C43 35u  
C44 10u  
C6 10u

R9 1.5K  
C31 100u  
ZD1 LM385  
S9H

UA/MA/  
TEMP/CX  
JUL OUTPUT  
S6E  
FS2 1A 600V  
S7H  
S7E-8E

FS1 15A 600V  
D2  
D1  
D5  
D6  
COM

S2H  
S1H  
C3 .1u/250V  
C23 3P  
R9 2.5M, 1/2W S4A-5A

R80 15K  
C39 .1u  
C40 .1u  
VSS1

S4E  
R78 2M 1/4W  
R79 10M 1/4W  
JF-D  
S1E-3E

USA TL062  
U2 27L2  
C12 100u  
PTC3 1.5K  
R25 10K

R8 1.5K  
ZD2 5.6VZD  
S7E-8E

R26 99F 1/4W  
R28 0.99C 1/2W  
R30 .01

R14 100K  
R16 100K  
R20 52.3K  
U28 27L2

R36, R84-R87 2M\*5  
C16 5P  
C67 \*  
VC1 2P-7P  
R37 1.11M  
C27 390P  
C17 390P  
VC2 6P-70P  
C46 \*

R38 101K  
C18 270p  
VC3 15p-150p  
C47 \*

R39 10K  
C21 1000P  
C22 3900P  
C59 0.022u  
C68 \*

R43 240K  
R44 240K  
U2 27L2  
PTC3 1.5K  
R25 10K

R12 4.32K  
C1 10u  
R3 15K  
R4 54.9K  
R5 8050  
R69 100K  
R47 47K  
R50 4.32K  
R49 49.9K

R6 40.2K  
R11 15K  
R26 99F 1/4W  
R28 0.99C 1/2W  
R30 .01

R14 100K  
R16 100K  
R20 52.3K  
U28 27L2

C20 2200p  
C21 1000P  
C22 3900P  
C59 0.022u  
C68 \*

R40 1K  
R43 240K  
R44 240K  
U2 27L2  
PTC3 1.5K  
R25 10K

USA TL062  
U2 27L2  
C12 100u  
PTC3 1.5K  
R25 10K

R12 4.32K  
C1 10u  
R3 15K  
R4 54.9K  
R5 8050  
R69 100K  
R47 47K  
R50 4.32K  
R49 49.9K

R6 40.2K  
R11 15K  
R26 99F 1/4W  
R28 0.99C 1/2W  
R30 .01

R14 100K  
R16 100K  
R20 52.3K  
U28 27L2

C16 5P  
C67 \*  
VC1 2P-7P  
R37 1.11M  
C27 390P  
C17 390P  
VC2 6P-70P  
C46 \*

R38 101K  
C18 270p  
VC3 15p-150p  
C47 \*

R39 10K  
C21 1000P  
C22 3900P  
C59 0.022u  
C68 \*

R43 240K  
R44 240K  
U2 27L2  
PTC3 1.5K  
R25 10K

R12 4.32K  
C1 10u  
R3 15K  
R4 54.9K  
R5 8050  
R69 100K  
R47 47K  
R50 4.32K  
R49 49.9K

R6 40.2K  
R11 15K  
R26 99F 1/4W  
R28 0.99C 1/2W  
R30 .01

R14 100K  
R16 100K  
R20 52.3K  
U28 27L2

C20 2200p  
C21 1000P  
C22 3900P  
C59 0.022u  
C68 \*

R40 1K  
R43 240K  
R44 240K  
U2 27L2  
PTC3 1.5K  
R25 10K

USA TL062  
U2 27L2  
C12 100u  
PTC3 1.5K  
R25 10K

R12 4.32K  
C1 10u  
R3 15K  
R4 54.9K  
R5 8050  
R69 100K  
R47 47K  
R50 4.32K  
R49 49.9K

R6 40.2K  
R11 15K  
R26 99F 1/4W  
R28 0.99C 1/2W  
R30 .01

R14 100K  
R16 100K  
R20 52.3K  
U28 27L2

C20 2200p  
C21 1000P  
C22 3900P  
C59 0.022u  
C68 \*

R40 1K  
R43 240K  
R44 240K  
U2 27L2  
PTC3 1.5K  
R25 10K

USA TL062  
U2 27L2  
C12 100u  
PTC3 1.5K  
R25 10K

R12 4.32K  
C1 10u  
R3 15K  
R4 54.9K  
R5 8050  
R69 100K  
R47 47K  
R50 4.32K  
R49 49.9K

R6 40.2K  
R11 15K  
R26 99F 1/4W  
R28 0.99C 1/2W  
R30 .01

R14 100K  
R16 100K  
R20 52.3K  
U28 27L2

BUZZER  
R98 200K  
PINA  
PINEB  
JC-D  
LED 1A204  
C66 10u

R23 360K  
C29 10P  
C14 .01u  
X1 32.768KHZ  
C2 10P  
C36 10u  
VSS1

R43 240K  
R44 240K  
U2 27L2  
PTC3 1.5K  
R25 10K

R12 4.32K  
C1 10u  
R3 15K  
R4 54.9K  
R5 8050  
R69 100K  
R47 47K  
R50 4.32K  
R49 49.9K

R6 40.2K  
R11 15K  
R26 99F 1/4W  
R28 0.99C 1/2W  
R30 .01

R14 100K  
R16 100K  
R20 52.3K  
U28 27L2

C20 2200p  
C21 1000P  
C22 3900P  
C59 0.022u  
C68 \*

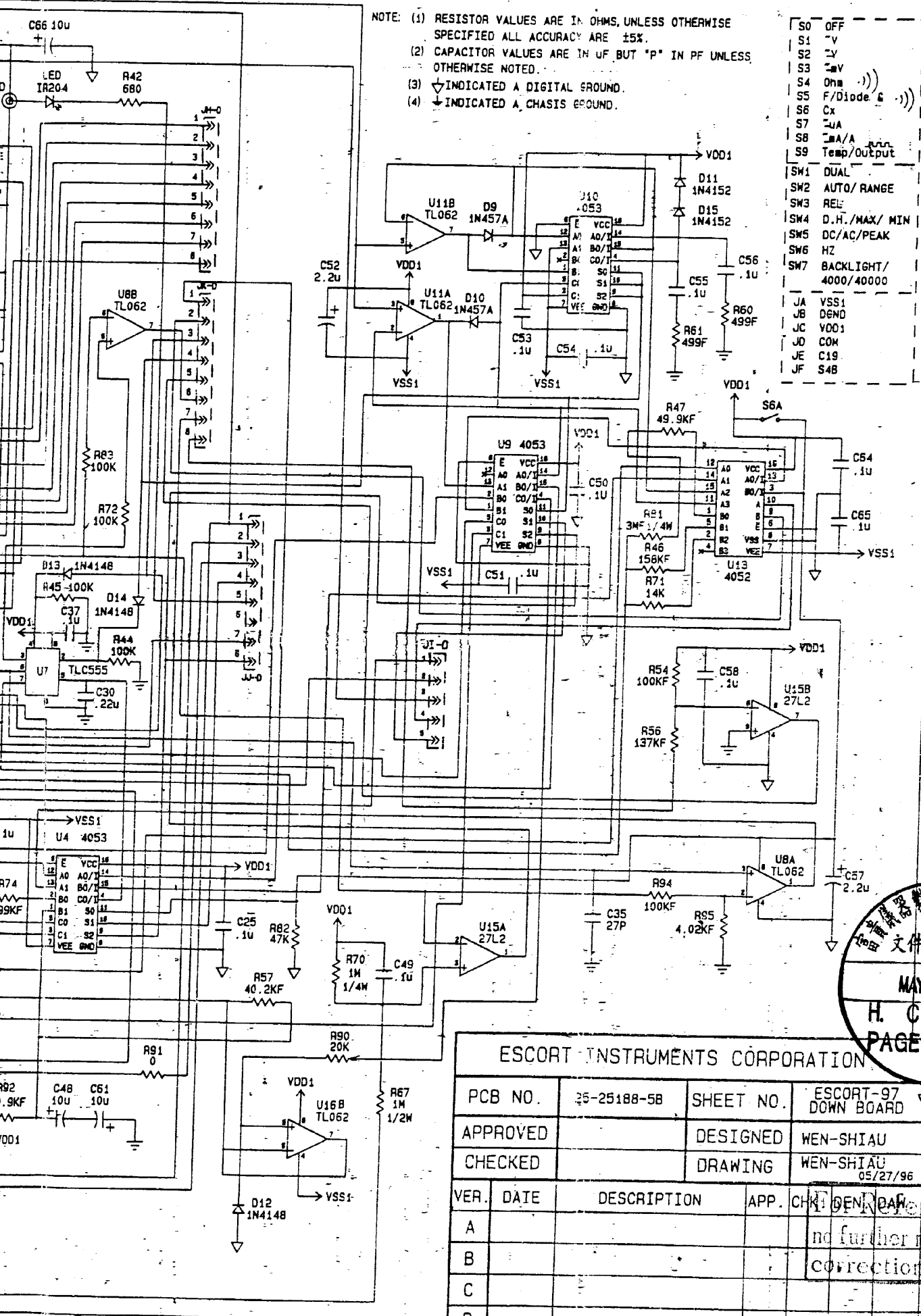
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R43 240K  
R44 240K  
U2 27L2  
PTC3 1.5K  
R25 10K

USA TL062  
U2 27L2  
C12 100u  
PTC3 1.5K  
R25 10K

R12 4.32K  
C1 10u  
R3 15K  
R4 54.9K  
R5 8050  
R69 100K  
R47 47K  
R50 4.32K  
R49 49.9K

R6 40.2K  
R11 15K  
R26 99F 1/4W  
R28 0.99C 1/2W  
R30 .01

R14 100K  
R16 100K  
R20 52.3K  
U28 27L2



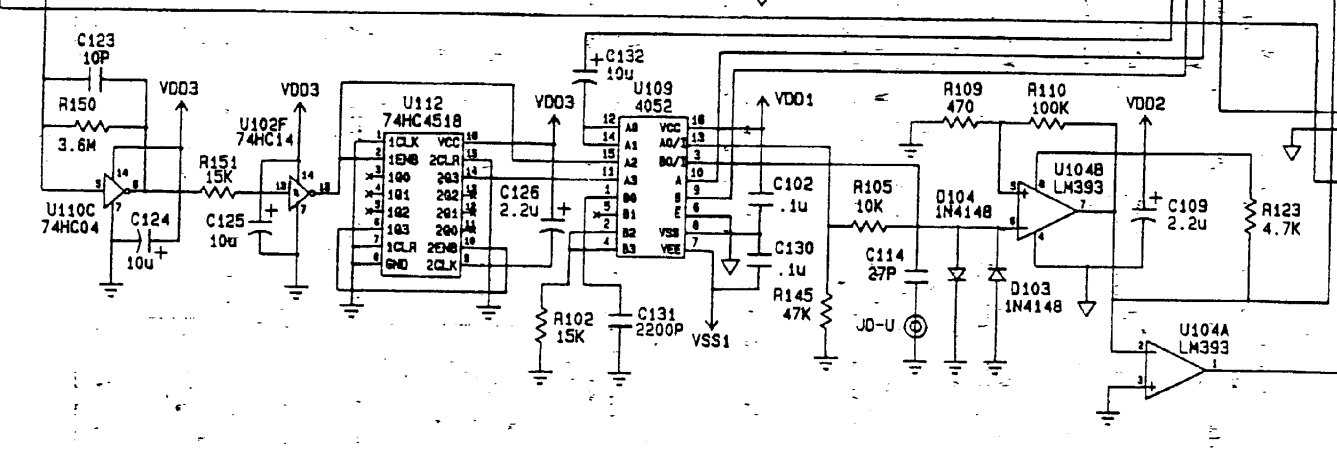
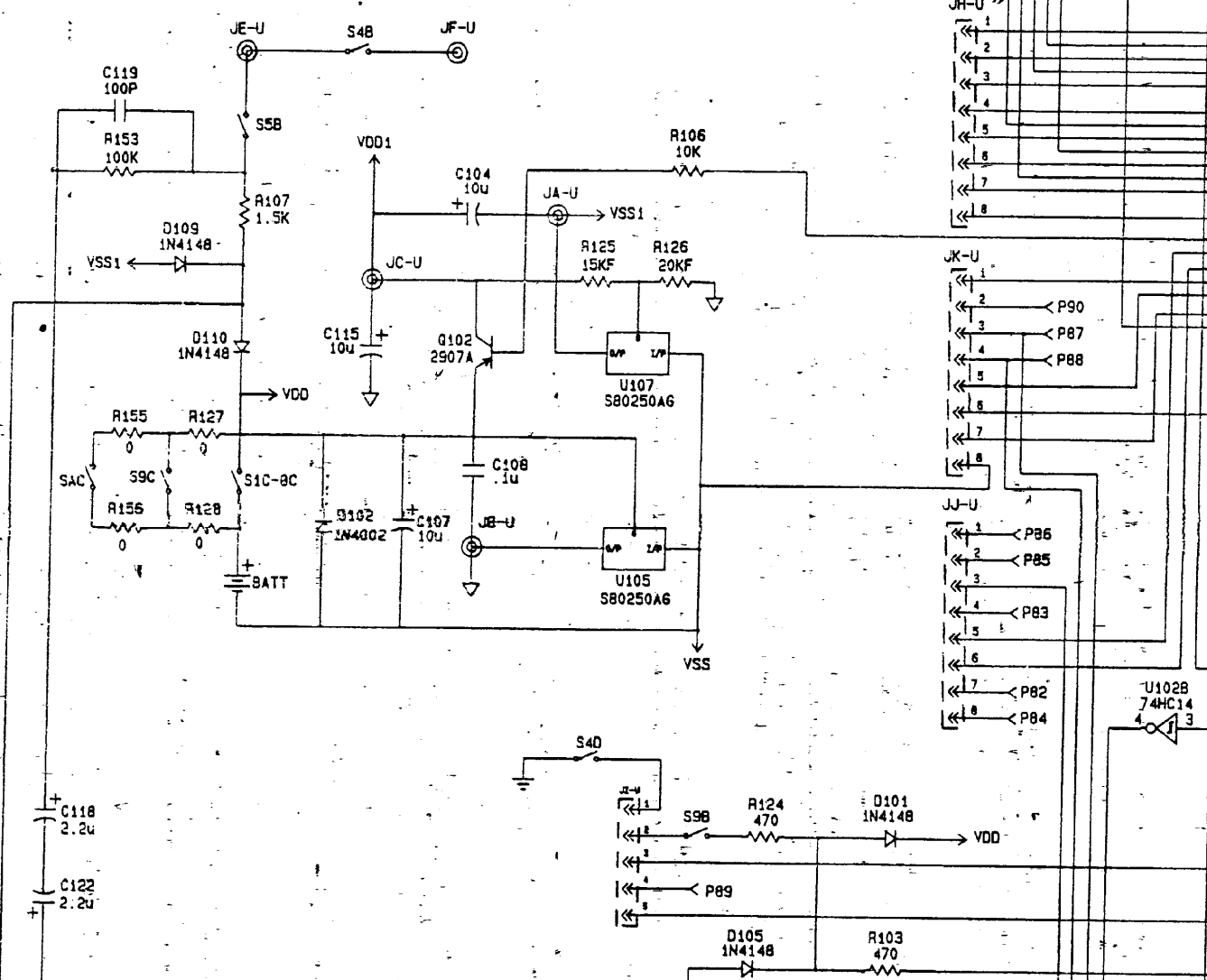
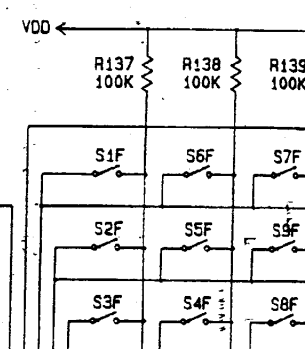
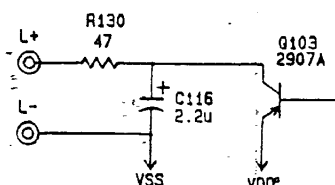
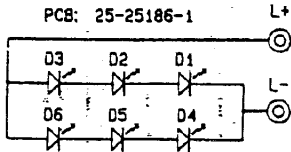
NOTE: (1) RESISTOR VALUES ARE IN OHMS, UNLESS OTHERWISE SPECIFIED ALL ACCURACY ARE  $\pm 5\%$ .  
 (2) CAPACITOR VALUES ARE IN UF, BUT "P" IN PF UNLESS OTHERWISE NOTED.  
 (3)  $\nabla$  INDICATED A DIGITAL GROUND.  
 (4)  $\rightarrow$  INDICATED A CHASSIS GROUND.

S0	OFF
S1	V
S2	V
S3	mV
S4	Ohm
S5	F/Diode
S6	Cx
S7	uA
S8	mA/A
S9	Temp/output
SW1	DUAL
SW2	AUTO/ RANGE
SW3	REL
SW4	D.H./MAX/ MIN
SW5	DC/AC/PEAK
SW6	HZ
SW7	BACKLIGHT/ 4000/40000
JA	VSS1
JB	DGND
JC	VDD1
JD	COM
JE	C19
JF	S4B

ESCORT INSTRUMENTS CORPORATION				
PCB NO.	25-25188-5B	SHEET NO.	ESCORT-97 DOWN BOARD	
APPROVED		DESIGNED	WEN-SHIAU	
CHECKED		DRAWING	WEN-SHIAU 05/27/96	
VER.	DATE	DESCRIPTION	APP.	CHK'D BY
A				
B				
C				
D				

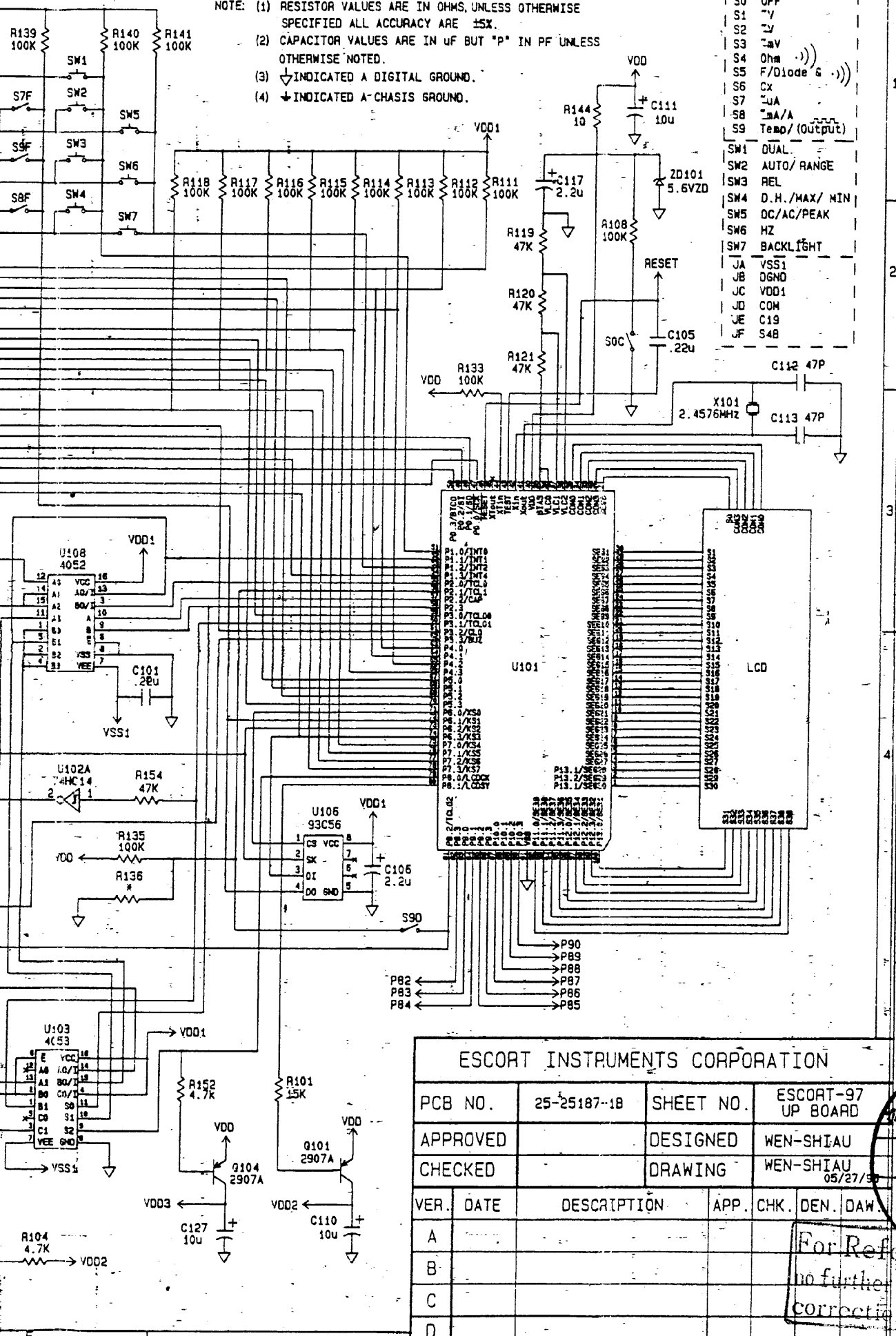
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MAY 2  
H. C.  
PAGE

BACKLIGHT BOARD  
PCB: 25-25186-1



NOTE: (1) RESISTOR VALUES ARE IN OHMS, UNLESS OTHERWISE SPECIFIED ALL ACCURACY ARE  $\pm 5\%$ .  
 (2) CAPACITOR VALUES ARE IN UF BUT "P" IN PF UNLESS OTHERWISE NOTED.  
 (3)  $\nabla$  INDICATED A DIGITAL GROUND.  
 (4)  $\downarrow$  INDICATED A CHASSIS GROUND.

S0	OFF
S1	"V
S2	"V
S3	"mV
S4	Ohm
S5	F/Diode G
S6	CX
S7	"UA
S8	"mA/A
S9	Temp/ (Output)
SW1	DUAL
SW2	AUTO/ RANGE
SW3	REL
SW4	D.H./MAX/ MIN
SW5	DC/AC/PEAK
SW6	HZ
SW7	BACKLIGHT
JA	VSS1
JB	DGND
JC	VDD1
JD	COM
JE	C19
JF	S48



ESCORT INSTRUMENTS CORPORATION

PCB NO.	25-25187-1B	SHEET NO.	ESCORT-97 UP BOARD
APPROVED		DESIGNED	WEN-SHIAU
CHECKED		DRAWING	WEN-SHIAU 05/27/85
VER.	DATE	DESCRIPTION	APP. CHK. DEN. DAW.
A			
B			
C			
D			

For Reference  
no further  
corrections